

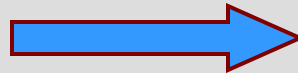


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MADAGASCAR

Water: Unifying theme for multi-sectoral programs in Madagascar

From this



To this

2008 AFR Health Managers' SOTA Meeting
Johannesburg, March-April 2008

Presented by: Fara Raharisolo
Health Population & Nutrition Office
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DIORANO-WASH Platform

(Part of Water & Sanitation Supply Collaborative Council [WSSCC] – WHO Geneva)

Levels

Honorary Presidency
3 Ministries: Energy & Mine, Health, Education

National Committee

**General Assembly of ~100
WSH actors members**

Ntl Steering Committee

Ntl Coordinator

Regional Committees

Roles

Lead big invest; Direct
connection w/GOM

Think tank

Validate WSH strategic orientation

Infos & best practices x-change forum

Implement ntl WSH program (PNAEPA)

**One of fist three very dynamic worldwide WASH
coalitions:**

➤ **WASH Madagascar recipient of WSSCC Grant
Sanitation Fund this year (1-3 Million USD)**

(Along with Uganda & Nepal)





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WASH Education Campaign

5 year campaign (2007-2012)

(1st year initiated by USAID/Hygiene Improvement Project-HIP)



MAP (Madagascar Action Plan)

Gov. Of Madagascar Rapid Dvpt Plan, MDGs roadmap

Ultimate Goal: Reduce U<5 children's mortality and morbidity → water - diseases

Obj: National massive promotion of **3 key WASH messages/ practices**
→ **MAP WSH coverage goals**

YEAR	2007	2008	2009	2010	2011	2012
Water	40%	45%	50%	55%	60%	65%
Sanitation	58%	60%	62%	65%	68%	71%
Hygiene	58%	60%	62%	65%	68%	71%





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WASH Education Campaign

3 key WASH messages

1- Hand Washing w/ Soap: (Apr.-July)

- Best HW station contest @ school
- BCC before & during litchi fruit harvesting (one of the major agribusiness exports in Madagascar) → WSH contributed to country EUREPGAP certification
- Joint activities w/ deworming campaign and Mother Child Health Week...



Sasao amin'ny savony sy rano ny tananao !!

Rehefa avy...



nanao maloto...



namafa zaza...

Alohan'ny...



hikarakarana
sakafo...



hampisakafo
zaza...



hisakafo...

**Sasao matetika amin'ny savony
sy rano ny tanan'ny zanakao !!**

Tombontsoa

Ho voasoroka ny aretim-pivalanana raha
manasa tanana amin'ny savony sy rano
hatrany.



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WASH Education Campaign

3 key WASH messages (continued)

2- Safe Disposal of Feces: (Aug.-Nov)

- Low cost latrines
- RRI* Latrines (*Rapid Results Initiative 30, 60, 90 days)
- Drama contest: “Convince me to use a latrine”...



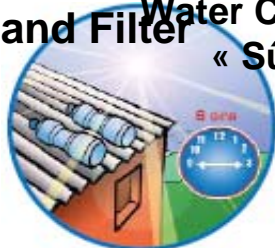
Biosand Filter



Water Chlorination
« Sûr'Eau »



Boiling



SODIS



Water conservation

3- Potable water @ POU: (Dec.-Mar)

- Radio spots,
- Mobile video sessions
- Women's associations trainings and promotional activities



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DD reduction by WSH interventions

- Household water treatment - 30-50% reduction in child DD prevalence – twice as effective as interventions at water source
- Safe water storage – 21% reduction
- Proper handwashing - 43% reduction
- Sanitation – basic, low-cost systems can reduce DD by 30% or more

Source: Clasen et al, 2006



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WASH & IMCI & MNCH

Clinical Level

Case management: Diarrhea Disease → Zinc and ORS (IMCI)

Prevention:

WASH Friendly Health Centers

- **Model WASH Behavior Change site**
- **Contribute to quality services**

Water supply, latrines & handwashing facilities

**Staff & Clients promote & implement
WASH 3 key msgs/practices**

**Reach community thru volunteer
CHWs; sensitized treated patients**

- ✓ Diarrhea Diseases
- ✓ Upper tract respiratory infections
- ✓ Maternal & Newborn Health (Clean practices at birth & post natal period: HW, clean cord care)
- ✓ Nutrition
- ✓ NTDs: Helminthes etc...



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Community Level

WASH & C – IMCI

Case management:

- CCM Diarrhea, Pneumonia and Malaria: Zinc, ORS, Cotrim, ACT (C-IMCI)

Prevention:

- CHWs: BCC, POU water disinfection products, water storage containers, soap
- Water supply, latrines & handwashing facilities, wastewater mngt (community & household)



Address critical gender issues:

- ✓ Water infrastructure closer to village → save time for women to do other activities (e.g. income generating), for girls to go to school
- ✓ Separated male & female latrine solved women's problem of retaining all day & only relieve themselves till dark



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WASH friendly schools

- **Trigger sustainable WASH BC**
- **↗ School attendance, ↘ drop out rate**

Water Supply, latrines & HW facilities

**Teachers & Students promote & implement
3 key WASH msgs/practices (part school curricula)**

**Reach community thru involvement of parents' association
in entire process (i.e. in kind contribution, tech.
construction training & provision Sanplat latrine mold...)**

- ✓ Diarrhea diseases
- ✓ Upper tract respiratory infection
- ✓ Water related diseases
- ✓ Nutrition



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Water Sanitation Hygiene &

Development

Nature

Environmental
Protection

Health

Health
Improvement

Whealth

Economic
Development

Power

Good
Governance

Education

Communities (Commune Level)

**Champion Commune
approach**



Water crosscuts the 4 pillars:

- **Watershed management**
- **Prevention of major diseases**
- **Generates economic development results**
- Sound water management reflects good governance
- and contributes to Education



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Champion Commune approach

- Platform for development
- Involves communities identify strategies to better respond to their needs
- Seeks to integrate the 4 development pillars
- Focuses on communities at the commune level
- Fosters sustainable BC
- Implements significant, feasible & measurable actions
- Communes achieve their predefined objectives (i.e. X nbr vaccinated children, X nbr pre & post natal consultation,...)
- Certified Champion Commune and get a modest award

Some communes use their award to build and/or repair water infrastructure.





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❖ Challenges & ➤ Way forward

❖ BCC alone “WSH Soft component” does not convince to change & adopt behavior

➤ With new water DA \$, build low cost mix WSH infrastructure.

(joint Health & Environment Rural Development ENV-RD)

➤ Joint planning & oversight Health & ENV-RD offices

❖ WSH Financing

➤ Micro credit

❖ How to attract private sector investment in WSH?

➤ Possible GDA w/ Rotary WASRAG

Why don't U practice what you preach?